AMENDMENTS TO THE CLAIMS:

1-4. (Canceled)

5. (Currently amended) The mobile terminal, as claimed in claim ~~1~~ 19, wherein ~~by~~ ~~updating~~ the processor updates the history data of hand-over using ~~an LRU algorithm, the~~ ~~processor causes the memory to store the history data~~ a least recently used algorithm.

6. (Currently amended) The mobile terminal, as claimed in claim ~~1~~ 19, wherein when a communicating condition ~~with a base station predicted as a target of a hand-over~~ within a cell in which the mobile terminal is currently operating deteriorates, the processor ~~monitors~~ ~~communicating conditions with base stations adjacent~~ causes operation of the mobile terminal to be handed over to a ~~source~~ base station of the detected cell. ~~to thereby select a base station~~ ~~to which a hand-over is performed.~~

7. (Currently amended) The mobile terminal, as claimed in claim 6, wherein the processor determines the deterioration in the communicating condition based on a change in a strength of ~~receiving~~ received electric power from the base station.

8. (Original) The mobile terminal, as claimed in claim 6, wherein the processor determines the deterioration in the communicating condition based on a change in a signal interference wave output ratio from the base station.

9-13. (Canceled)

14. (Currently amended) The hand-over solving method for a mobile terminal, as claimed in claim ~~10~~ 26, further comprising ~~a step of, by~~ updating the history data of hand-over using ~~an LRU algorithm, causing the history data to be stored~~ a least recently used algorithm.

15. (Currently amended) The hand-over solving method for a mobile terminal, as claimed in claim ~~10~~ 26, further comprising ~~a step of,~~ when a communicating condition ~~with a base station predicted as a target of a hand-over~~ within the cell in which the mobile terminal is currently operating deteriorates, ~~monitoring communicating conditions with base stations adjacent~~ handing over operation of the mobile terminal to a ~~source~~ base station of the detected cell. ~~to thereby select a base station to which a hand-over is performed.~~

16. (Currently amended) The hand-over solving method for a mobile terminal, as claimed in claim 15, wherein the deterioration in the communicating condition is determined based on a change in a strength of ~~receiving~~ received electric power from the base station.

17. (Original) The hand-over solving method for a mobile terminal, as claimed in claim 15, wherein the deterioration in the communicating condition is determined based on a change in a signal interference wave output ratio from the base station.

18. (Canceled)

19. (New) A mobile terminal, comprising:

a memory for storing history data of cells in which the mobile terminal has operated, including an indication of whether the mobile terminal entered the cell by powering on;

a processor for searching the stored history to locate cells, other than a cell in which the mobile terminal is presently operating, in which the mobile terminal operated in the past but in which the mobile terminal did not power on,

wherein when the processor detects in the stored history a cell in which the mobile terminal did not power on and which has the oldest history, the processor predicts that the mobile terminal will move into the detected cell.

20. (New) A mobile terminal, comprising:

a memory for storing history data of cells in which the mobile terminal has operated, including an indication of whether the mobile terminal entered the cell by powering on;

a processor for searching the stored history to locate cells, other than a cell in which the mobile terminal is presently operating, in which the mobile terminal operated in the past but in which the mobile terminal did not power on,

wherein when the processor detects in the stored history a cell in which the mobile terminal did not power on and in which the mobile terminal operated the greatest number of times in the past, the processor predicts that the mobile terminal will move into the detected cell.

21. (New) The mobile terminal, as claimed in claim 20, wherein the processor updates the history data of hand-over using a least recently used algorithm.

22. (New) The mobile terminal, as claimed in claim 20, wherein when a communicating condition within a cell in which the mobile terminal is currently operating deteriorates, the processor causes operation of the mobile terminal to be handed over to a base station of the detected cell.

23. (New) The mobile terminal, as claimed in claim 22, wherein the processor determines the deterioration in the communicating condition based on a change in a strength of receiving electric power from the base station.

24. (New) The mobile terminal, as claimed in claim 22, wherein the processor determines the deterioration in the communicating condition based on a change in a signal interference wave output ratio from the base station.

25. (New) The mobile terminal, as claimed in claim 22, wherein the processor determines the deterioration in the communicating condition based on a change in an error rate from the base station.

26. (New) A hand-over solving method for a mobile terminal, said method comprising:

operating the mobile terminal within a cell of a base station;

storing history data of cells in which the mobile terminal has operated, including an indication of whether the mobile terminal entered the cell by powering on;

searching the stored history to locate cells, other than the cell in which the mobile

terminal is presently operating, in which the mobile terminal operated in the past but in which

the mobile terminal did not power on;

detecting in the stored history a cell in which the mobile terminal did not power on

and which has the oldest history; and

predicting that the mobile terminal will move into the detected cell.

27. (New) A hand-over solving method for a mobile terminal, said method

comprising:

operating the mobile terminal within a cell of a base station;

storing history data of cells in which the mobile terminal has operated, including an

indication of whether the mobile terminal entered the cell by powering on;

searching the stored history to locate cells, other than the cell in which the mobile

terminal is presently operating, in which the mobile terminal operated in the past but in which

the mobile terminal did not power on;

detecting in the stored history a cell in which the mobile terminal did not power on

and in which the mobile terminal operated the greatest number of times in the past; and

predicting that the mobile terminal will move into the detected cell.

28. (New) The hand-over solving method for a mobile terminal, as claimed in claim

27, further comprising updating the history data of hand-over using a least recently used

algorithm.

7

29. (New) The hand-over solving method for a mobile terminal, as claimed in claim 27, further comprising when a communicating condition within the cell in which the mobile terminal is currently operating deteriorates, handing over operation of the mobile terminal to a base station of the detected cell.

30. (New) The hand-over solving method for a mobile terminal, as claimed in claim 29, wherein the deterioration in the communicating condition is determined based on a change in a strength of received electric power from the base station.

31. (New) The hand-over solving method for a mobile terminal, as claimed in claim 29, wherein the deterioration in the communicating condition is determined based on a change in a signal interference wave output ratio from the base station.

32. (New) The hand-over solving method for a mobile terminal, as claimed in claim 29, wherein the deterioration in the communicating condition is determined based on a change in an error rate from the base station.